WEATHER SATELLITE RECEIVER

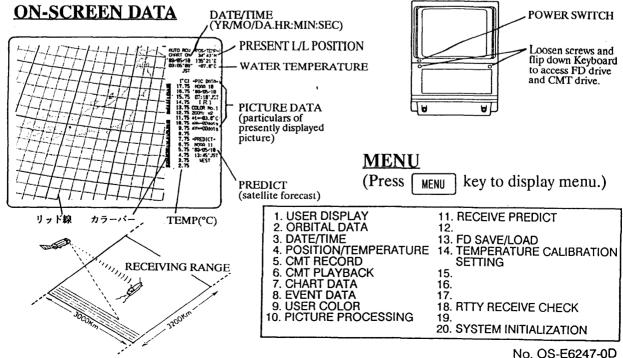
SU-18

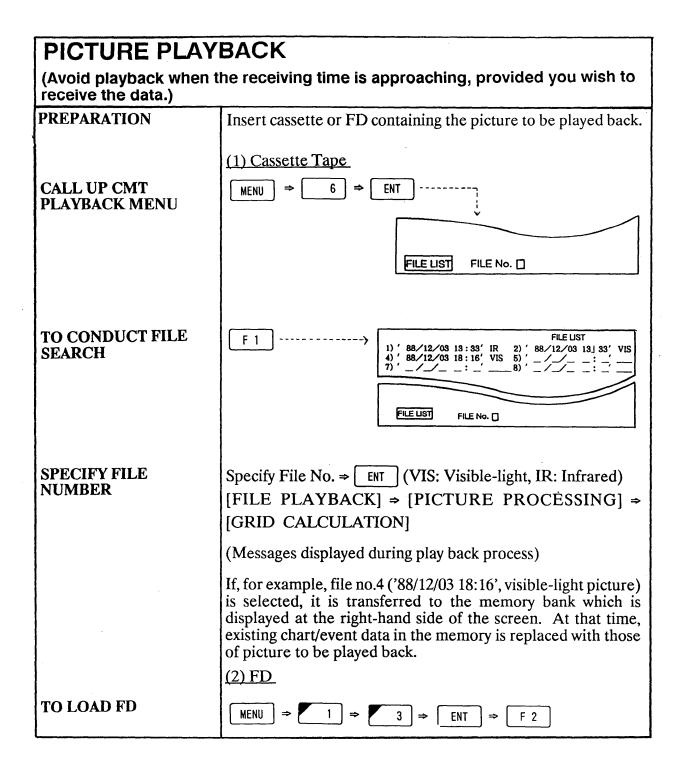
FLOPPY DISK VER. NO. 085-0122-016

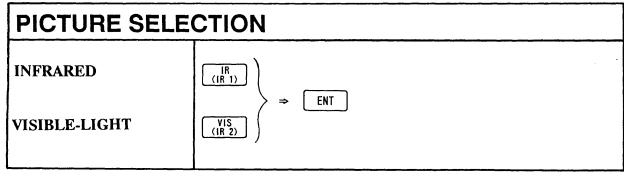
OPERATOR'S GUIDE

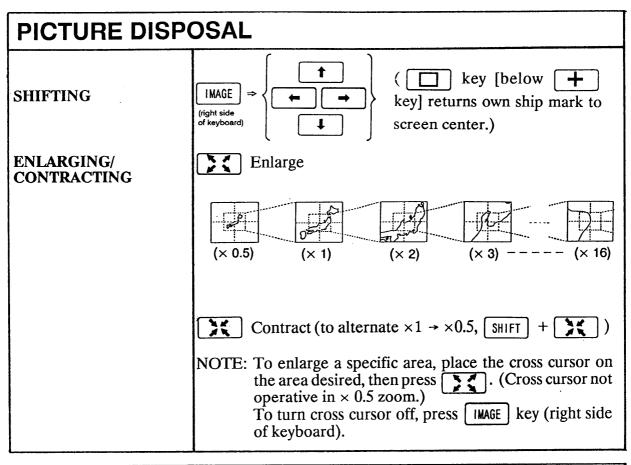
BASIC OPERATING PROCEDURE		
INSERT FD (Floppy Disk)		
behind Keyboard (See below.)		
POWER ON		
TOWERON		
SYSTEM INITIALIZATION		
(Operating Mode Confirmation) . P.2		
(*) ORBITAL DATA CONFIRMATION P.3		
CONFIRMATION P.3		
(*) DATE/TIME CONFIRMATION		
CONFINIVATION P.0		
(*) L/L POS & WATER TEMP		
CONFIRMATION P.6		
RECEIVING P.7		
(in auto rec)		
GRID CALIBRATION P.9		
GIGIN CALIBIOTION1.9		
TEMP CALIBRATION P.9		
PRINTING P.19		
RECORDING P.11		
(in auto rec) PLAYBACK P.13		
(*) Confirmation necessary to receive pic-		
ture properly.		

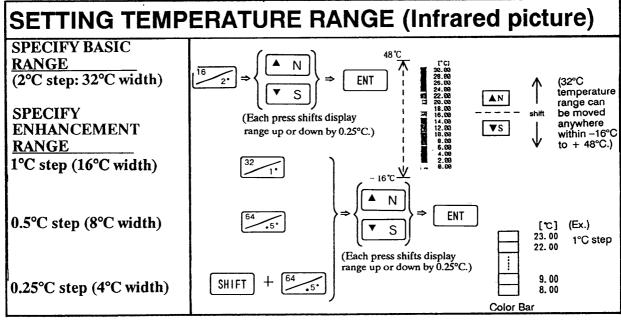
DATA ANALYSIS
PICTURE SELECTIONP.13
PICTURE DISPOSAL
SETTING TEMPERATURE RANGEP.14
COLOR BAR SELECTIONP.15
PICTURE PROCESSING (INT. REJ/TEMP. CONTOUR)P.17
AUTO PRINT MODE SETTING
CHANGING PICTURE DISPLAY MODE
OTHER FUNCTIONS
PLOTTING CHART/EVENT DATAP.20
SAVING/LOADING CHART DATA
READING WATER TEMP & L/L DATA OF CURSOR POS
ERASING ALL CMT DATA (FORMATTING CMT)P.22
FORMATTING FLOPPY DISK (FD)

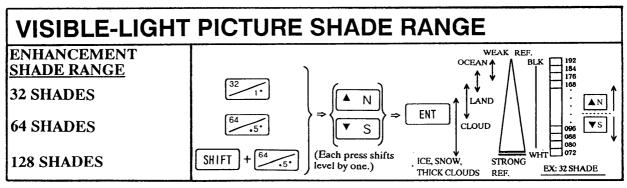


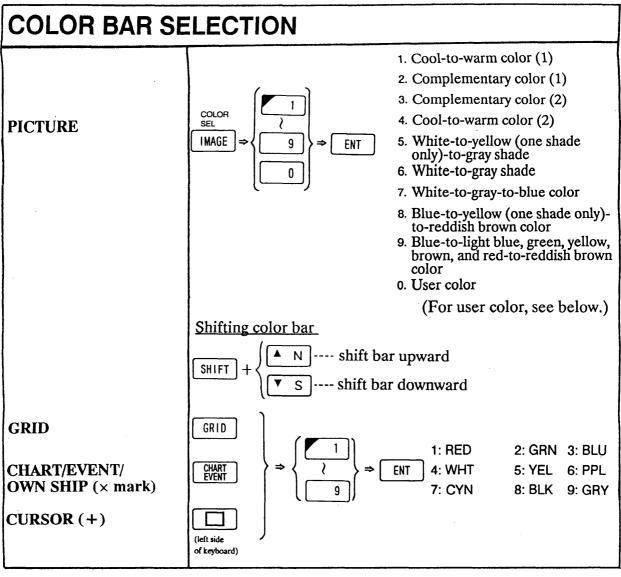


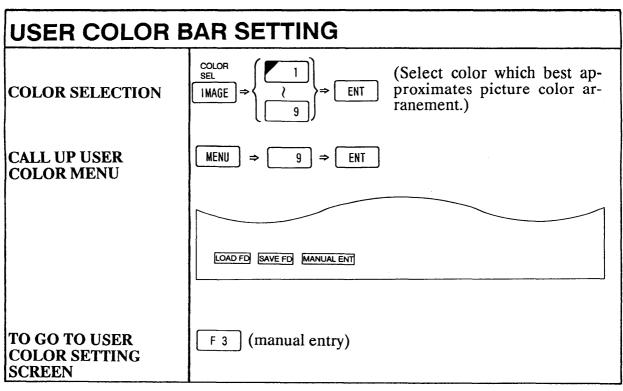


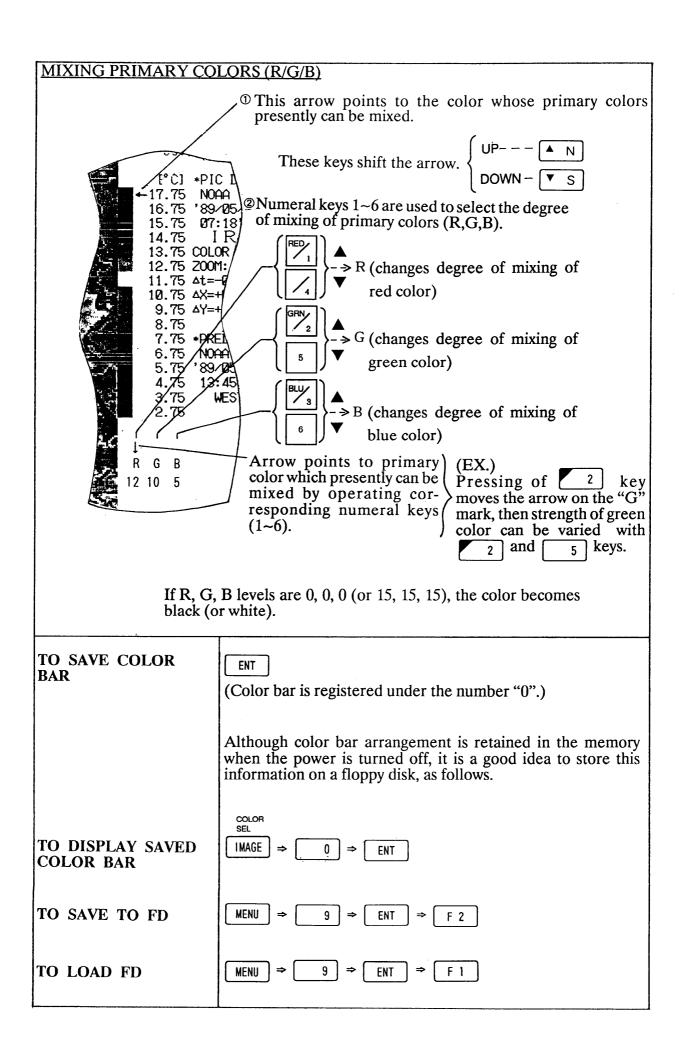


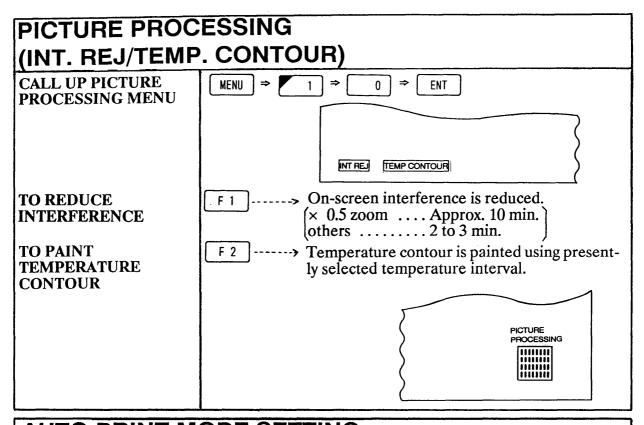


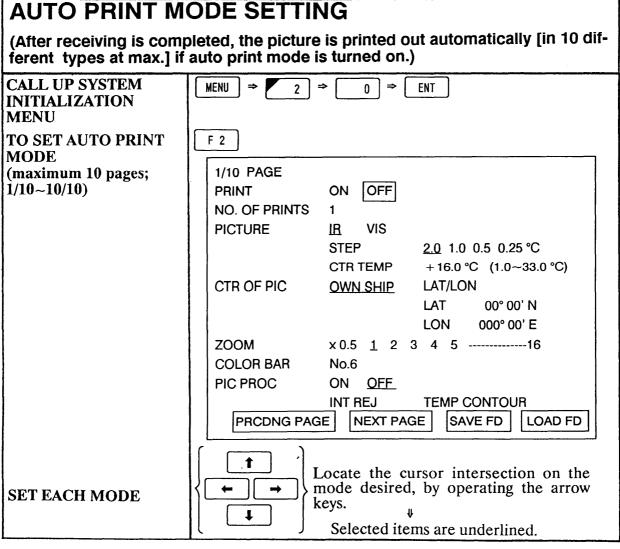


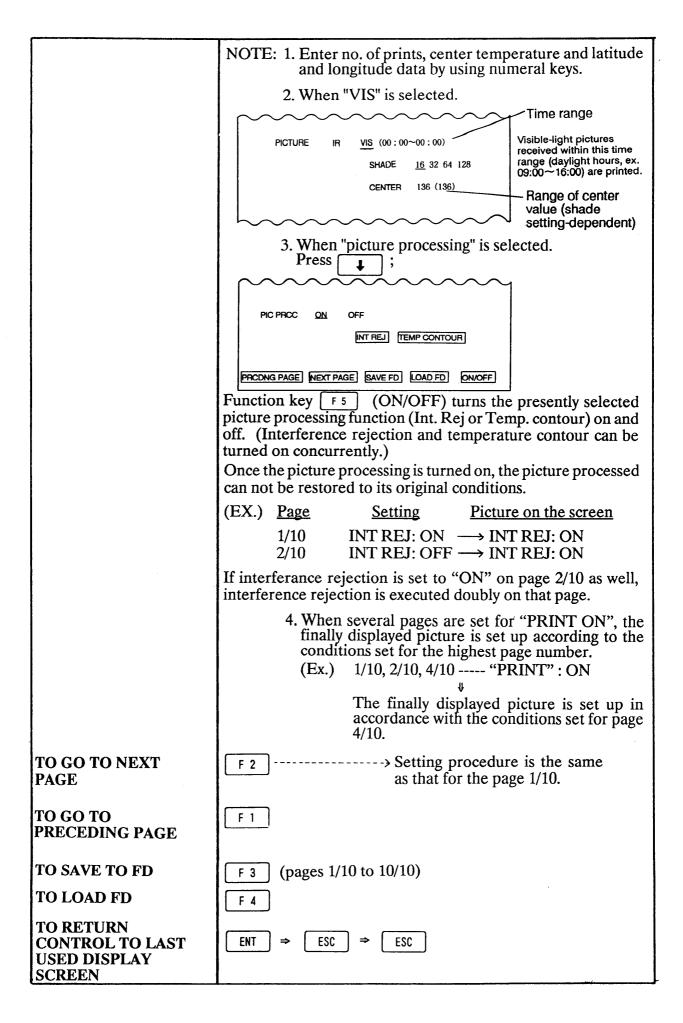


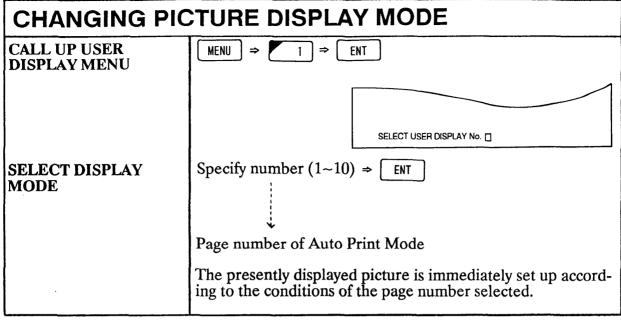


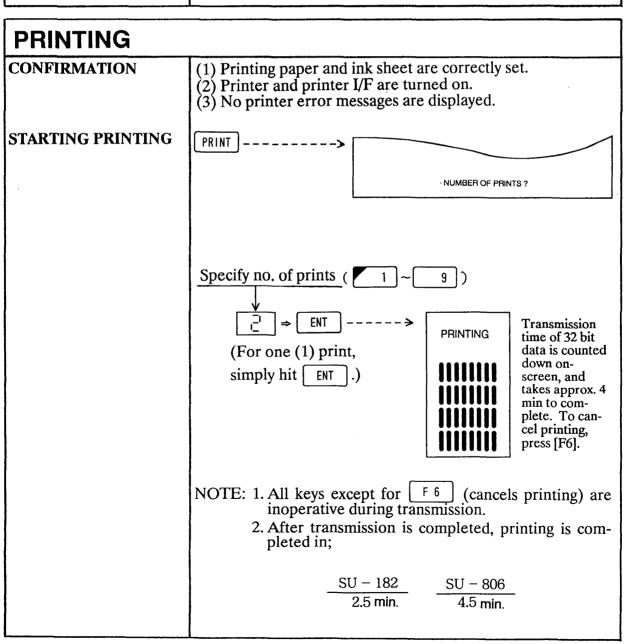


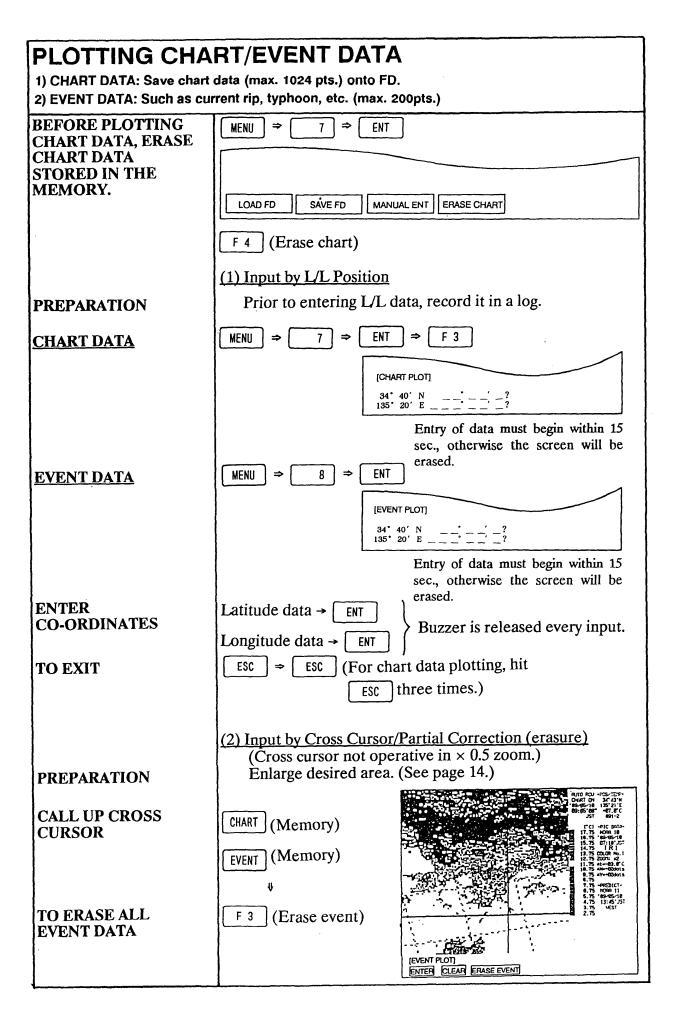








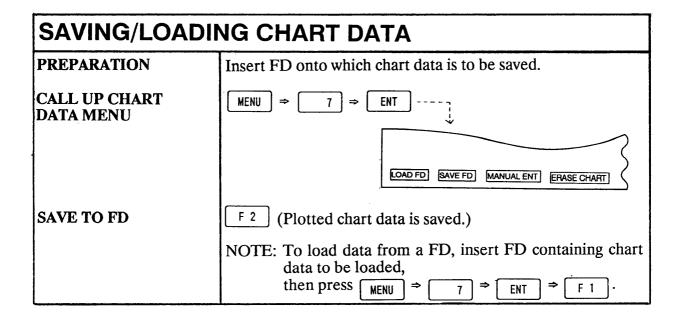


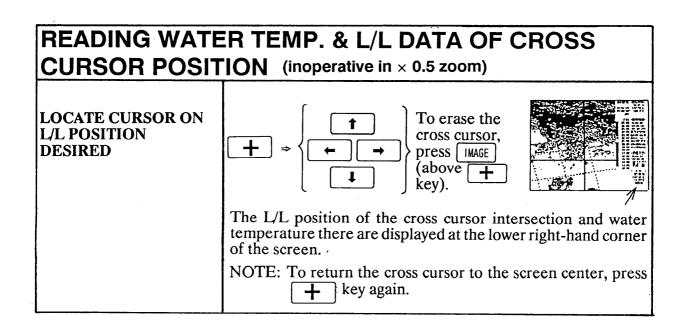


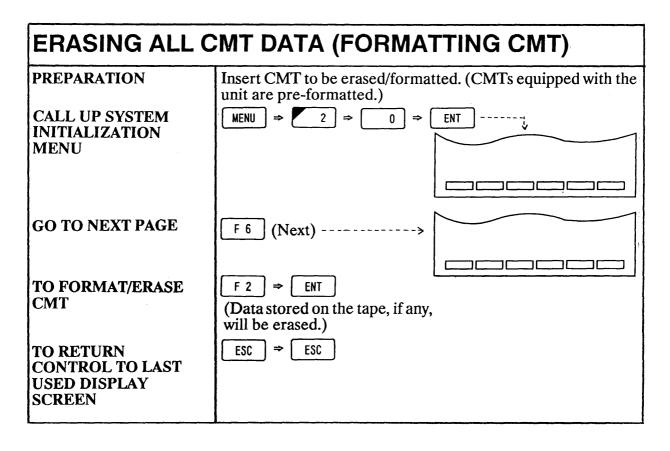
INPUT Locate the cross cursor on the desired L/L pos. ----> F 1

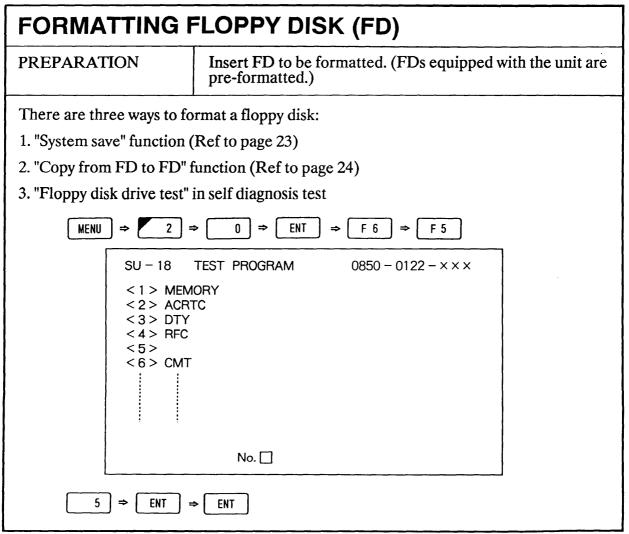
ERASE Locate the cross cursor on the desired L/L pos. ----> F 2

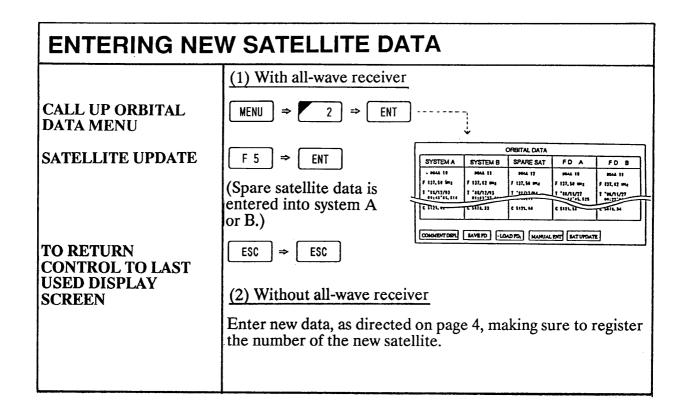
TO EXIT

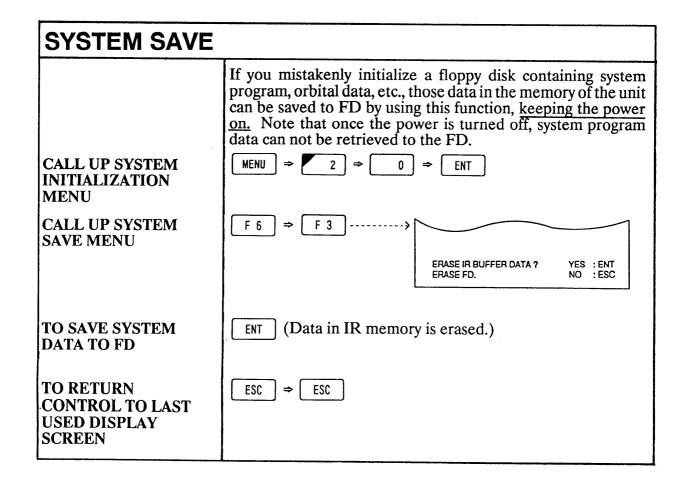


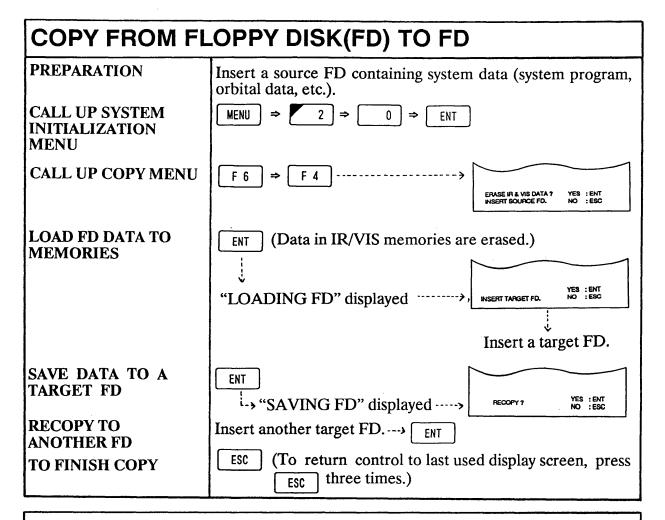












TEMPERATURE DISPLAY (Infrared picture)

This unit displays temperature colors from -16°C to +48°C. Temperature display within above range is as follows.

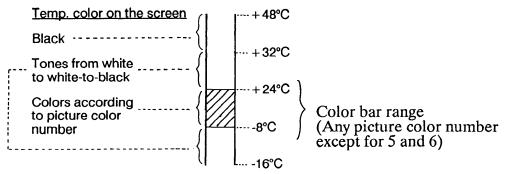
-16°C to +32°C : Tones from white to white-to-black

 $+32^{\circ}\text{C to} +48^{\circ}\text{C}$: Black

NOTE: Temperatures lower than -16°C and higher than +48°C are displayed in white and black, respectively.

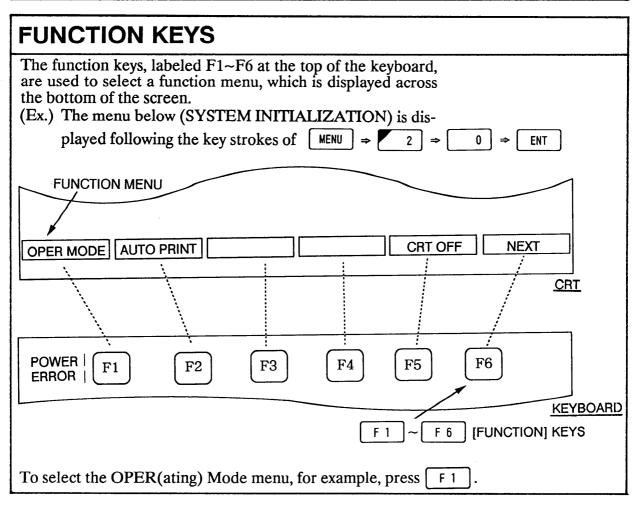
However, when a color bar range (16 colored gradation) is selected, the selected range is displayed in colors according to the picture color number and the other ranges (outside the range of the color bar) are shown in tones and black as mentioned above.

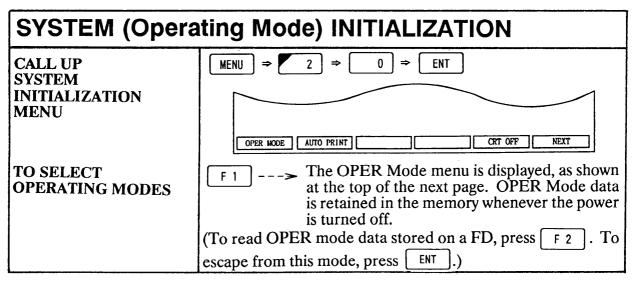
(EX.) In case that color bar range is -8° C to $+24^{\circ}$ C.



NOTE: Only when picture color number 5 or 6 is selected, temperatures outside the range of the color bar are shown in black and white (not tones).

Press ENT after each line of data entered. Press ENT to retain presently used data. To clear incorrect data, press C -----> Entire line of data is erased. (Note however that if the cursor is at the head of a line of data when this key pressed the preceding line is erased.)





	DATE/TIME JSI UTC (time standard)
	DATE/TIME READ AUTO MAN (AUTO: SATNAV/GPS required)
	TEMPERATURE READ <u>AUTO</u> MAN (AUTO: temp. indicator required)
	L/L POSITION READ <u>AUTO</u> MAN (AUTO: Navigation aid required)
	NAVIGATION LORAN A LORAN C DECCA DR OMEGA <u>SATNAY</u> GPS
	RECEIVING MODE AUTO MAN (after power is applied satellite forecast calculation is initiated)
	AUTO TEMP CALIB <u>QN</u> OFF (automatic temperature calibration for each satellite. Compensation value is set on MENU "14".)
	AUTO IR ON OFF (automatic recording after picture is CMT REC VIS ON OFF) completely received)
	(00:00-00:00) (time range for automatic visible-light picture recording)
	RTTY SHIFT WIDTH 850 425 SHIFT MODE NOR REV (receiving mode of internal teletype) BAUD RATE 50 75
	AUTO CHART DISPLAY ON OFF (chart is automatically displayed after picture is completely received)
	SAVE FD LOAD FD (Saving data to FD/loading data from FD for all modes above)
SET EACH MODE (from "date/time" to "auto chart display")	Locate the cursor on the mode desired, by operating the arrow keys. The selected mode is underlined.
TO SAVE DATA TO FD	F ₁ (takes approx. 10 sec.)
TO REGISTER SELECTIONS	ENT (Press to register selections and escape from OPER
	mode.)
	(After ENT is pressed, satellite forecast, which takes several
	seconds to complete, commences if the automatic receiving
	mode is selected.)
TO RETURN	
CONTROL TO LAST	ESC > ESC (TWICE)
USED DISPLAY SCREEN	

